

SYSTEM

Certificate Of Analysis

PRODUCT NAME : Citric Acid monohydrate, *ChemAR*®
CATALOGUE NUMBER : CI050-90
FORMULA : C₆H₈O₇·H₂O
MOLECULAR WEIGHT : 210.14
CAS. NUMBER : [5949-29-1]
BATCH NO. : 160405151100
EXP.DATE : Apr./2020

	<u>Specification</u>		<u>Batch Value</u>	
Assay(acidimetry)	min.99.5	%	100.06	%
Insoluble matter in water	max.0.003	%	<0.001	%
Ignition residue(in SO ₄)	max.0.01	%	<0.01	%
Darken matter by H ₂ SO ₄	passes	test	pass	
Chloride(Cl)	max.0.0005	%	<0.0005	%
Phosphate(PO ₄)	max.0.0005	%	<0.0005	%
Oxalate(C ₂ O ₄)	max.0.005	%	<0.005	%
Sulfate(SO ₄)	max.0.002	%	<0.002	%
Heavy metals(as Pb)	max.0.0002	%	<0.0002	%
Arsenic(As)	max.0.00001	%	<0.00001	%
Calcium(Ca)	max.0.002	%	<0.00023	%
Copper(Cu)	max.0.00005	%	<0.00005	%
Iron(Fe)	max.0.0001	%	<0.0001	%
Lead(Pb)	max.0.0001	%	<0.0001	%
Magnesium(Mg)	max.0.005	%	<0.00007	%
Nickel(Ni)	max.0.0001	%	<0.0001	%

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